

Under the Paperwork reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	5
-------	---	----	---

Complete if Known

Application Number	10/589,551
Filing Date	02-17-05
First Named Inventor	Per-Ola Freskgård
Art Unit	
Examiner Name	
Attorney Docket Number	Freskgard=10

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initial *	Cite No. 1	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country ³ Code	Number ⁴ Kind Code (if known) ⁵				
	6	EP	EP 643 778 B1	03-22-95	Scripps Research Inst.		
	7	WO	WO 00/23458 A	04-27-00	Univ Leland Stanford Junior		
	8	WO	WO 00/32823	06-08-00	Phylos Inc.		
	9	WO	WO 01/90414	11-29-01	Richard B. Williams		
	10	WO	WO 02/074929	09-26-02	Pres. and Fell. of Har. Coll.		
	11	WO	WO 02/103008 A2	12-27-02	Nuevolution A/S		
	12	WO	WO 02/103008 A3	12-27-02	Nuevolution A/S		
	13	WO	WO 02/34948 A	05-02-02	City of Hope		
	14	WO	WO 03/078445 A2	09-25-03	Nuevolution A/S		
	15	WO	WO 03/078446 A2	09-25-03	Nuevolution A/S		

Examiner
Signature

Date Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and Considered. Include of this form with next communication to applicant.

1. Applicant's unique citation designation number (optional) 2. See Kinds codes of USPTO patent Documents. at www.uspto.gov or MPEP 901.04.
3. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3.) 4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.f 16 if possible. 6. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786.9199) and select option 2.

Under the Paperwork reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/589,551
				Filing Date	02-17-05
				First Named Inventor	Per-Ola Freskgård
				Art Unit	
				Examiner Name	
Sheet	2	of	5	Attorney Docket Number	Freskgard=10

[illegible]

FOREIGN PATENT DOCUMENTS							
Examiner Initial *	Cite No. 1	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country ³ Code	Number ⁴ Kind Code (if known) ⁵				
	16	WO	WO 03/078626 A2	09-25-03	Nuevolution A/S		
	17	WO	WO 03/078627 A2	09-25-03	Nuevolution A/S		
	18	WO	WO 2004/039825	05-13-04	Nuevolution A/S		
	19	WO	WO 2004/056994	07-08-04	Nuevolution A/S		
	20	WO	WO 2004/083427	09-30-04	Nuevolution A/S		
	21	WO	WO 2004/099441	11-18-04	Hyscite Discovery A/S		
	22	WO	WO 91/05058	04-18-91	Glenn Kawasaki		
	23	WO	WO 92/02536	02-20-92	The Reg. of the U. of Colorado		
	24	WO	WO 93/03172	02-18-93	Uni. Research Corporation		
	25	WO	WO 93/06121	04-01-93	Affymax Technologies N.V.		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not Considered. Include of this form with next communication to applicant.

1. Applicant's unique citation designation number (optional) 2. See Kinds codes of USPTO patent Documents, at www.uspto.gov or MPEP 901.04.
3. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3.) 4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786.9199) and select option 2.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786.9199) and select option 2.

Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/589,551
				Filing Date	02-17-05
				First Named Inventor	Per-Ola Freskgård
				Group Art Unit	
				Examiner Name	
Sheet	4	of	5	Attorney Docket Number	Freskgard=10

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner initial *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	30	BROUDE Natalia E; " Stem-loop oligonucleotides: a robust tool for molecular biology and biotechnology" Trends in Biotechnology, Vol. 20 No. 6, June 2002 (22-06) pages 249-256	
	31	Cotton et al.; "Reactivity of cytosine and thymine in single-base-pair mismatches with hydroxylamine and osmium tetroxide and its application to the study of mutations" Proc Natl Acad Sci (US) 1988;85:4397-401	
	32	FACK Fred et al.; "Heteroduplex mobility assay (HMA) pre-screening: An improved strategy for the rapid identification of inserts selected from phage-displayed peptide libraries" Molecular Diversity, Vol. 5, No. 1 2000; pages 7-12	
	33	Grange et al.; "Detection of point mutations in type I collagen by RNase digestion of RNA/RNA hybrids" Nucleic Acids Research 1990;18:4227-36	
	34	Holmes CP.; "Model Studies for New o-Nitrobenzyl Photolabile Linkers: Substituent Effects on the Rates of Photochemical Cleavage" J. Org. Chem. 1997, 62, 2370-2380	
	35	Hsu; "Detection of DNA point mutations with DNA mismatch repair enzymes" (carcinogenesis 1994; 15: 1657-62)	
	36	Liu W et al.; "Denaturing high performance liquid chromatography (DHPLC) used in the detection of germline and somatic mutations" Nucleic Acids Research.26:1396-1400 1998	
	37	Mashal et al.; "Detection of mutations by cleavage of DNA heteroduplexes with bacteriophage resolvases" Nature Genetics 1995; 9:177-83	
	38	Myers et al.; "Detection of single base substitutions by ribonuclease cleavage at mismatches in RNA:DNA duplexes" Science 1985; 230: 1242-6	
	39	O'Donovan MC et al.; "Blind analysis of denaturing high-performance liquid chromatography as a tool for mutation detection" Genomics. 52:4449, 1998	
	40	R.O. Schoenleber, B.Giese; "Photochemical release of amines by C,N-bond cleavage" Synlett 2003, 501-504	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1. Applicants unique citation designation number. (optional) 2. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.